

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112918\
 Data File : VN052587.D
 Acq On : 30 Nov 2018 1:57
 Operator : MD\SY
 Sample : J6144-03DL 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3DL

Quant Time: Nov 30 04:04:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N112618W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 27 00:48:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	178300	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	996731	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	828964	30.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane-d4		8.03	65	361480	29.75	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.17%	
60) 4-Bromofluorobenzene		12.40	95	326481	25.76	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	85.87%	
63) Toluene-d8		10.09	98	1165498	30.32	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.07%	

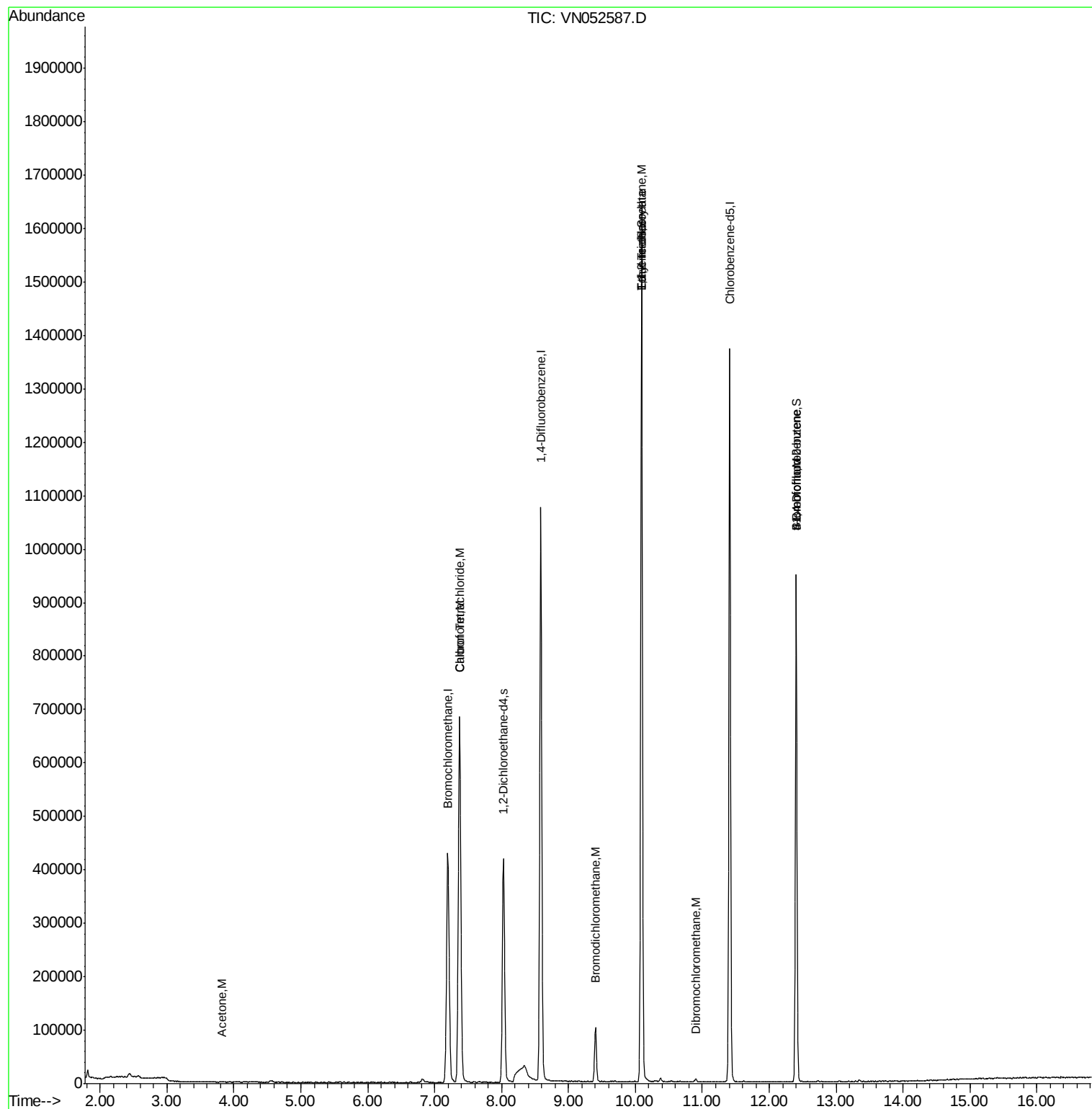
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.82	58	586	0.625	ug/l #	1
25) Chloroform	7.37	83	750245	37.235	ug/l	100
33) Carbon Tetrachloride	7.37	117	8787	0.634	ug/l	87
41) Bromodichloromethane	9.40	83	72835	4.973	ug/l	99
50) 1,1,2-Trichloroethane	10.10	97	34838	3.707	ug/l #	1
51) Ethyl methacrylate	10.10	69	3235	0.274	ug/l	93
53) Dibromochloromethane	10.90	129	3194	0.309	ug/l	91
56) Bromoform	12.40	173	2349	0.347	ug/l #	1
77) t-1,4-Dichloro-2-butene	12.40	75	157387	56.305	ug/l #	11

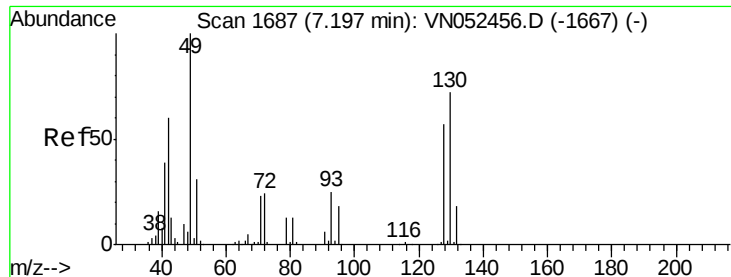
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112918\
Data File : VN052587.D
Acq On : 30 Nov 2018 1:57
Operator : MD\SY
Sample : J6144-03DL 20X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 39 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampled :
14B-3DL

Quant Time: Nov 30 04:04:15 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N112618W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 27 00:48:33 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052587.D

Acq: 30 Nov 2018 1:57

Instrument :

MSVOA_N

ClientSampled :

14B-3DL

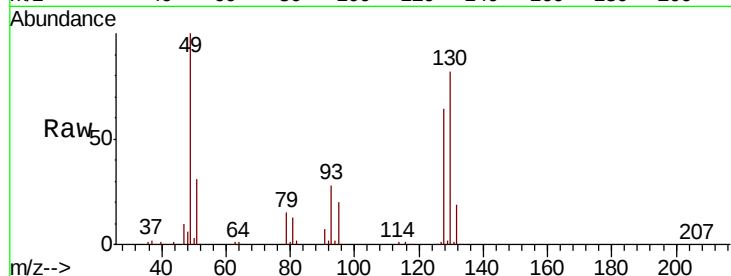
Tot Ion:128 Resp: 178300

Ion Ratio Lower Upper

128 100

49 157.8 0.0 431.8

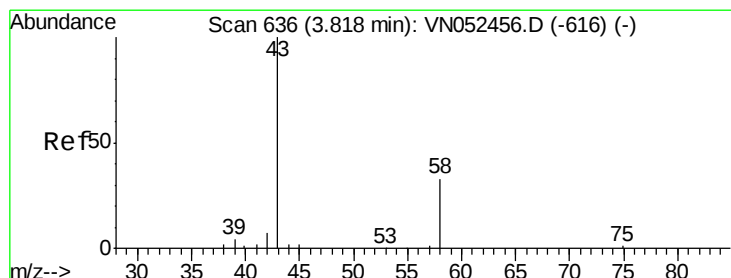
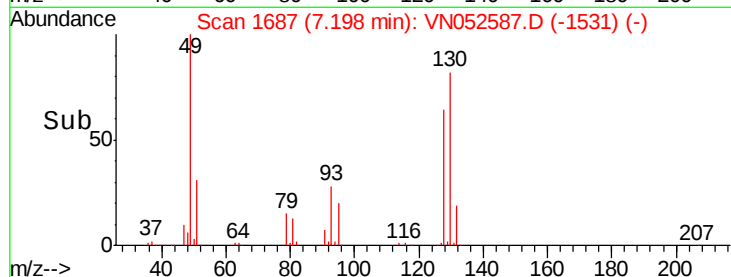
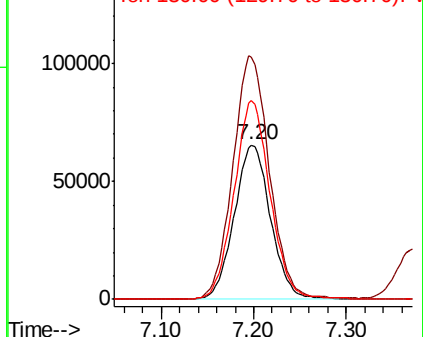
130 128.1 0.0 317.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.625 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052587.D

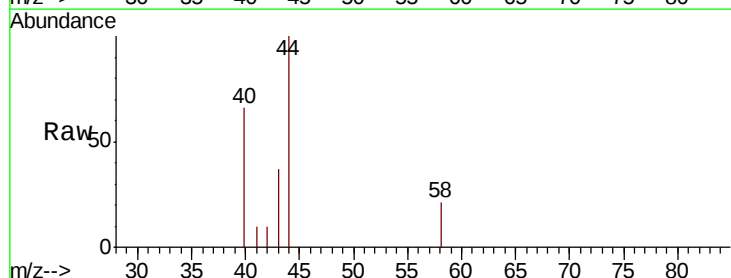
Acq: 30 Nov 2018 1:57

Tgt Ion: 58 Resp: 586

Ion Ratio Lower Upper

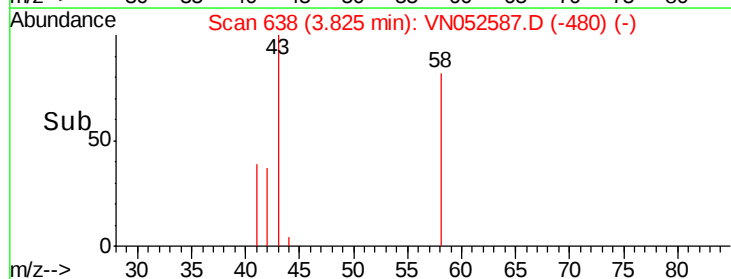
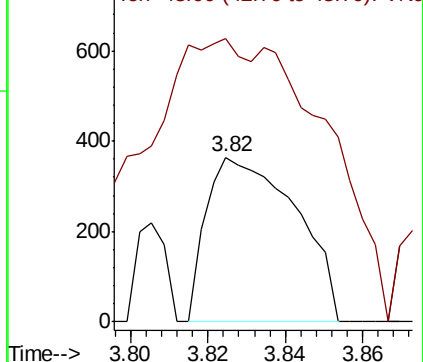
58 100

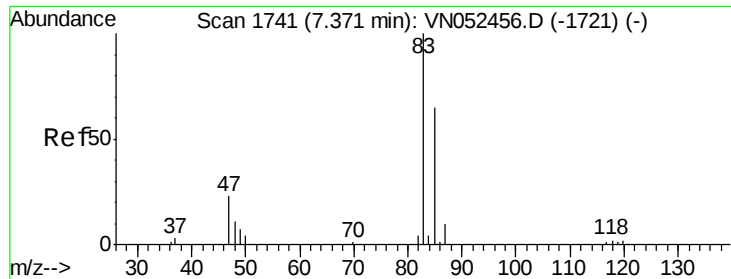
43 59.5 243.6 365.4#



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

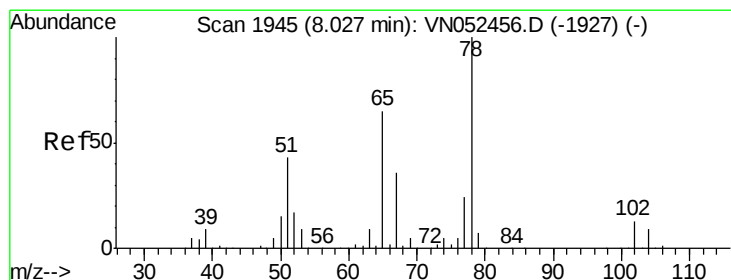
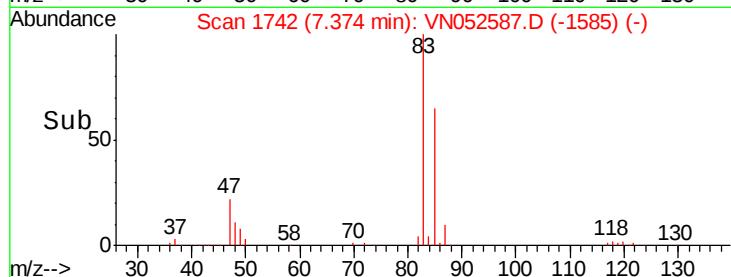
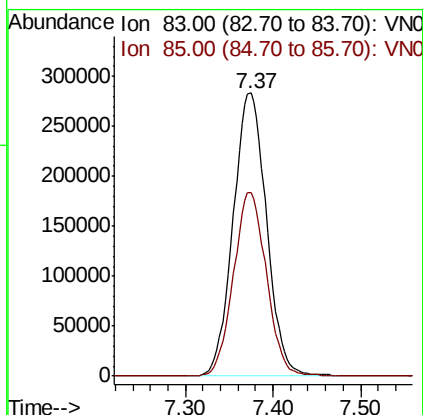
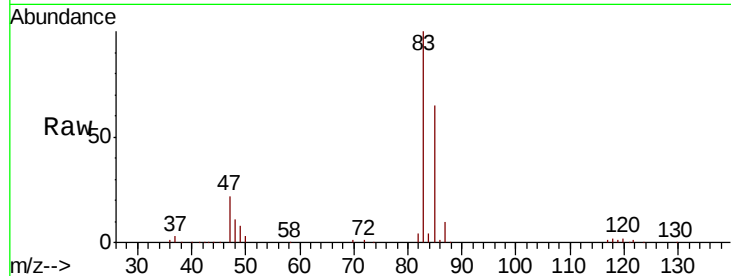




#25
Chloroform
Concen: 37.235 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052587.D
Acq: 30 Nov 2018 1:57

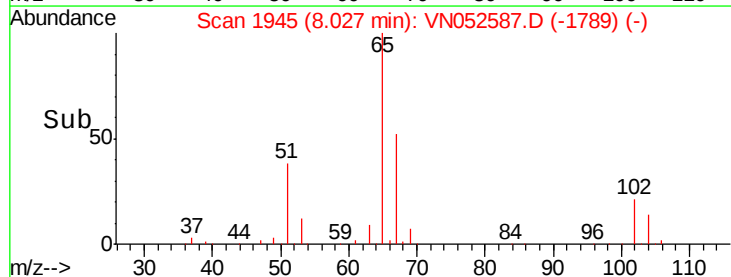
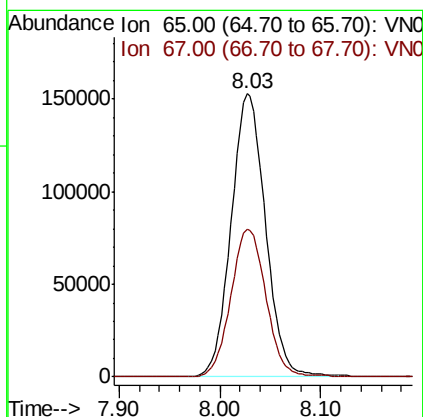
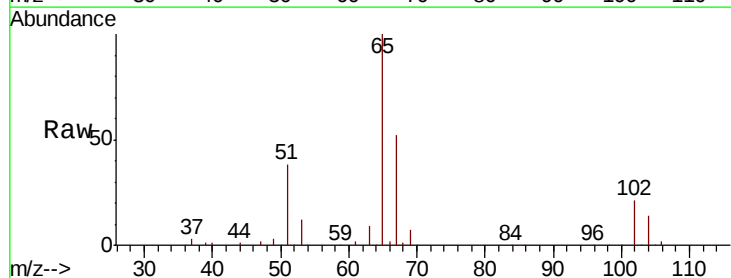
Instrument :
MSVOA_N
ClientSampleId :
14B-3DL

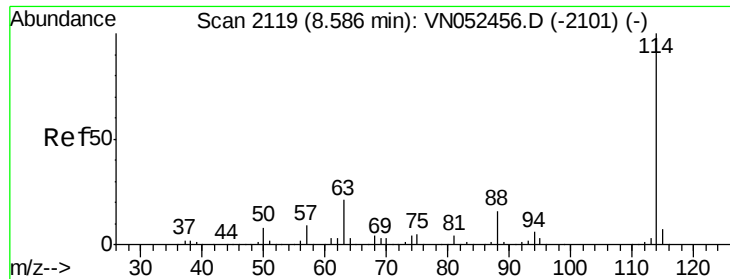
Tot Ion: 83 Resp: 750245
Ion Ratio Lower Upper
83 100
85 65.0 51.7 77.5



#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052587.D
Acq: 30 Nov 2018 1:57

Tgt Ion: 65 Resp: 361480
Ion Ratio Lower Upper
65 100
67 53.2 44.6 66.8

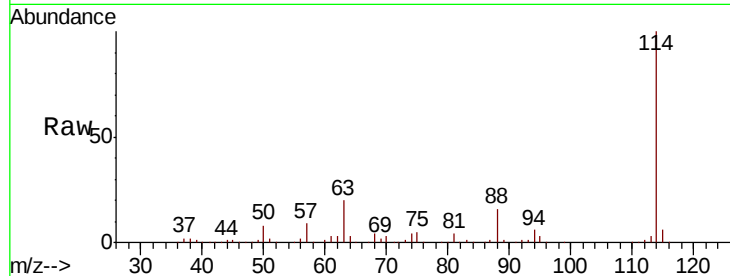




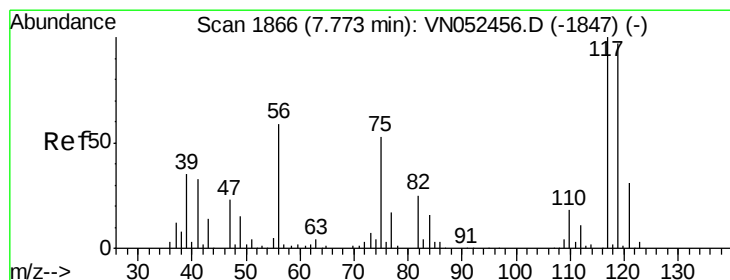
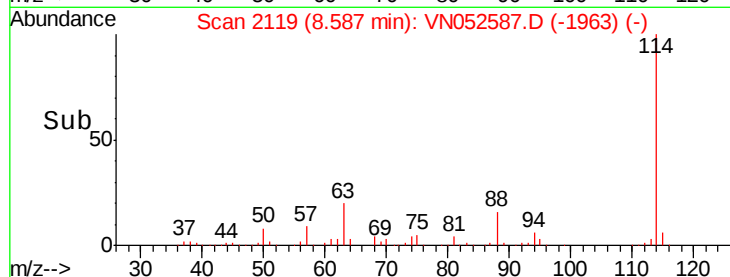
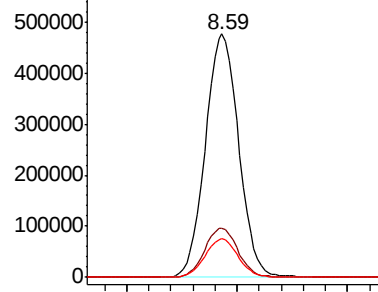
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052587.D
 Acq: 30 Nov 2018 1:57

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3DL

Tot Ion:114 Resp: 996731
 Ion Ratio Lower Upper
 114 100
 63 20.2 16.9 25.3
 88 15.7 12.8 19.2

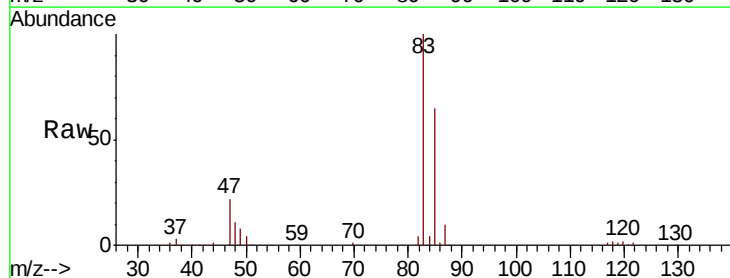


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 88.00 (87.70 to 88.70): V

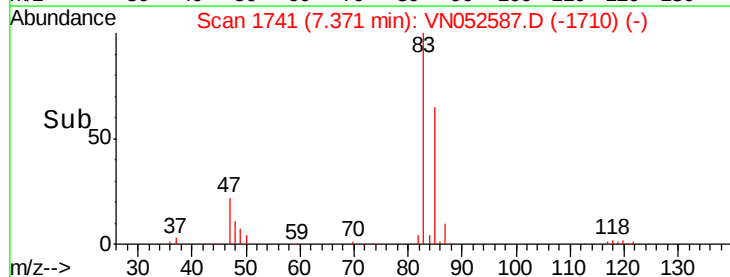
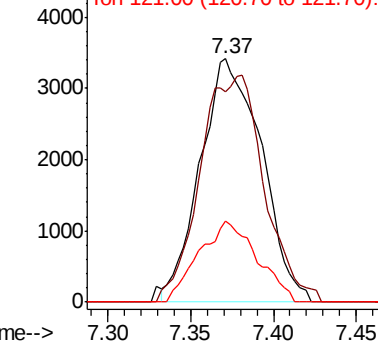


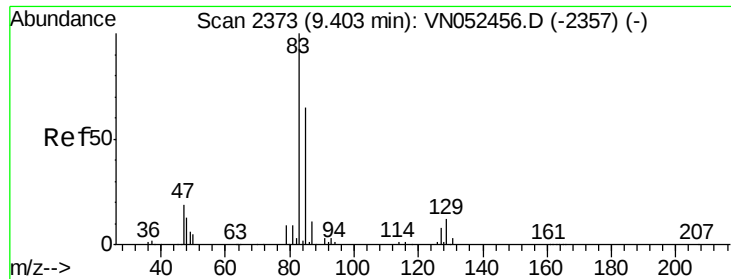
#33
 Carbon Tetrachloride
 Concen: 0.634 ug/l
 RT: 7.37 min Scan# 1741
 Delta R.T. -0.40 min
 Lab File: VN052587.D
 Acq: 30 Nov 2018 1:57

Tgt Ion:117 Resp: 8787
 Ion Ratio Lower Upper
 117 100
 119 81.3 77.3 115.9
 121 33.5 24.9 37.3



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 119.00 (118.70 to 119.70): V
 Ion 121.00 (120.70 to 121.70): V

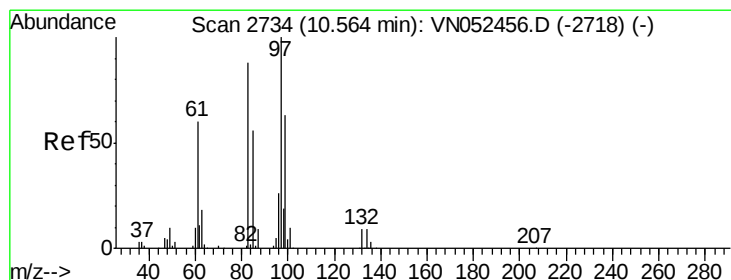
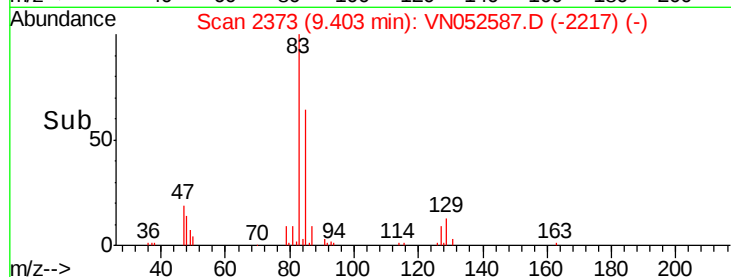
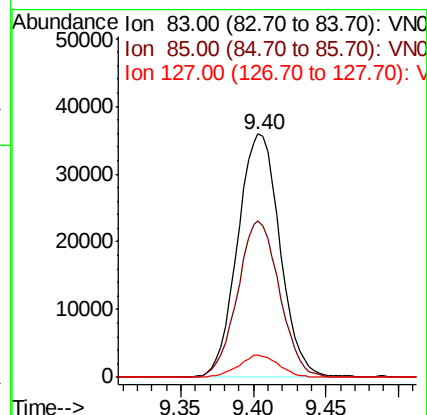
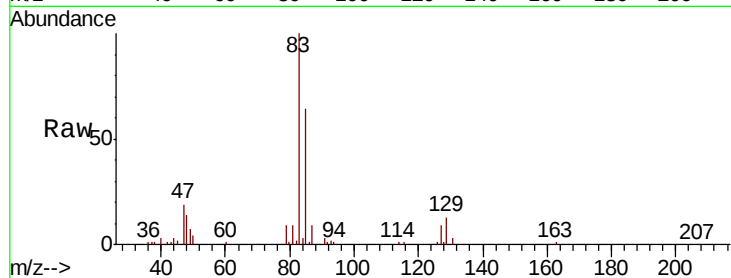




#41
Bromodichloromethane
Concen: 4.973 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN052587.D
Acq: 30 Nov 2018 1:57

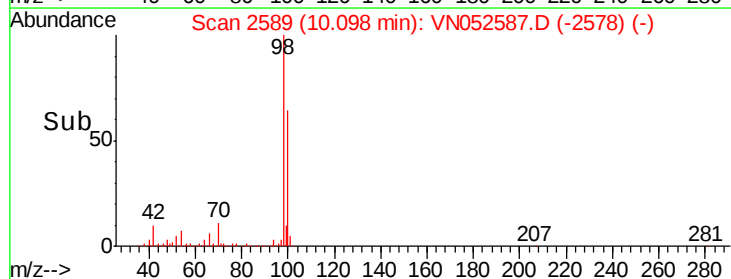
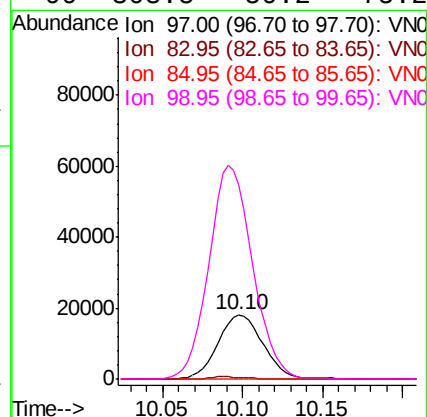
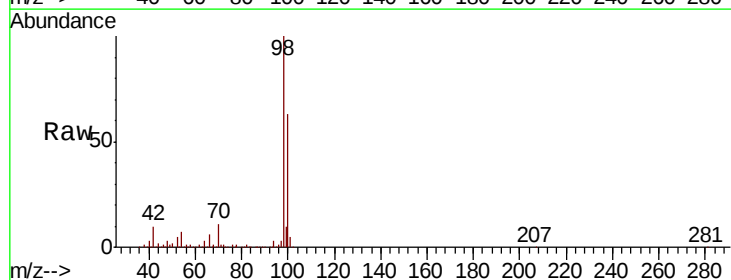
Instrument :
MSVOA_N
ClientSampleId :
14B-3DL

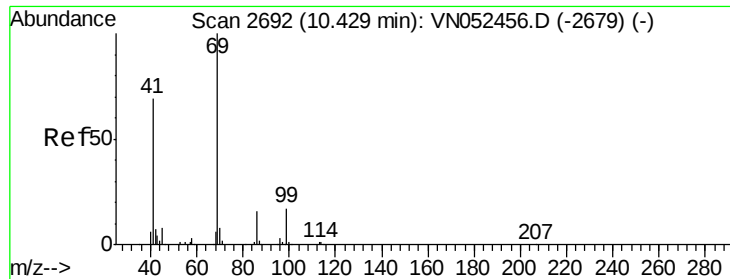
Tot Ion: 83 Resp: 72835
Ion Ratio Lower Upper
83 100
85 64.5 52.4 78.6
127 9.3 6.6 9.8



#50
1,1,2-Trichloroethane
Concen: 3.707 ug/l
RT: 10.10 min Scan# 2589
Delta R.T. -0.47 min
Lab File: VN052587.D
Acq: 30 Nov 2018 1:57

Tgt Ion: 97 Resp: 34838
Ion Ratio Lower Upper
97 100
83 2.6 70.4 105.6#
85 0.0 45.0 67.6#
99 303.5 50.2 75.2#





#51

Ethyl methacrylate

Concen: 0.274 ug/l

RT: 10.10 min Scan# 2590

Delta R.T. -0.33 min

Lab File: VN052587.D

Acq: 30 Nov 2018 1:57

Instrument :

MSVOA_N

ClientSampled :

14B-3DL

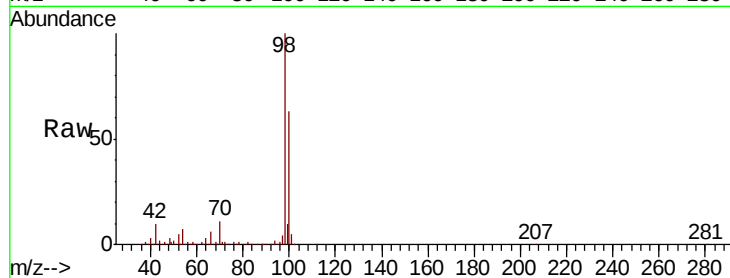
Tot Ion: 69 Resp: 3235

Ion Ratio Lower Upper

69 100

41 76.8 34.4 103.3

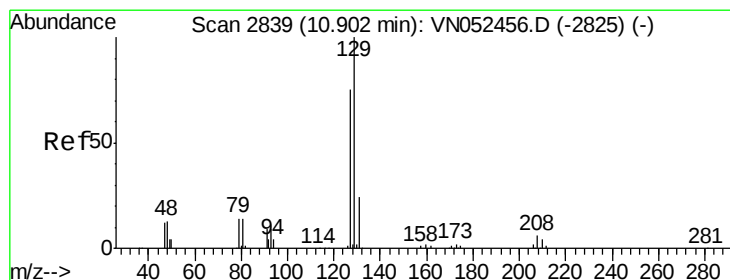
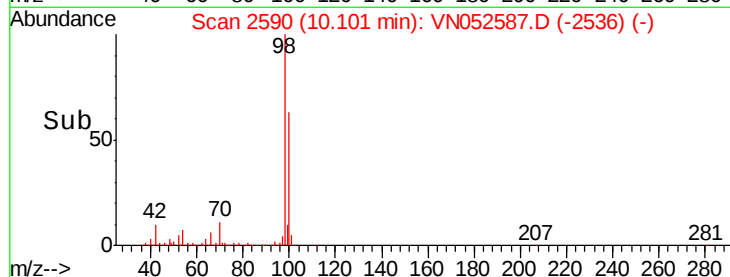
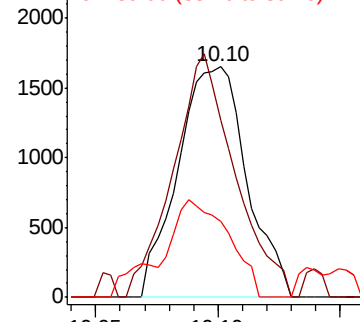
39 33.1 16.4 49.2



Abundance Ion 69.00 (68.70 to 69.70): VN052456.D (-2679) (-)

Ion 41.00 (40.70 to 41.70): VN052456.D (-2679) (-)

Ion 39.00 (38.70 to 39.70): VN052456.D (-2679) (-)



#53

Dibromochloromethane

Concen: 0.309 ug/l

RT: 10.90 min Scan# 2838

Delta R.T. -0.00 min

Lab File: VN052587.D

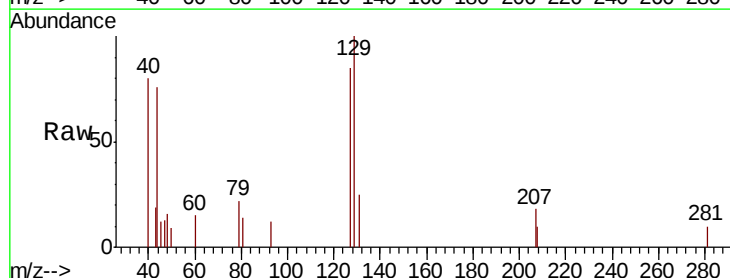
Acq: 30 Nov 2018 1:57

Tgt Ion: 129 Resp: 3194

Ion Ratio Lower Upper

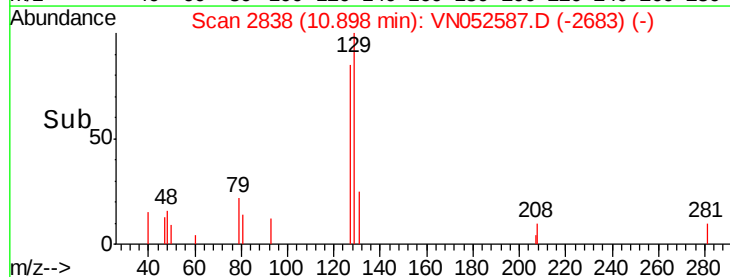
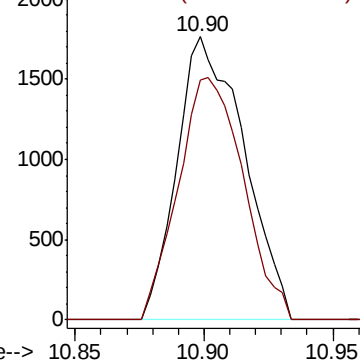
129 100

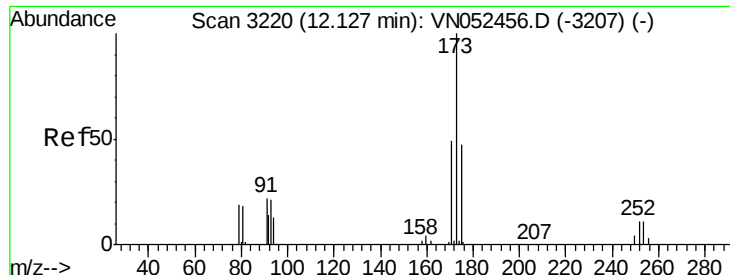
127 83.2 37.6 112.8



Abundance Ion 129.00 (128.70 to 129.70): VN052456.D (-2825) (-)

Ion 127.00 (126.70 to 127.70): VN052456.D (-2825) (-)

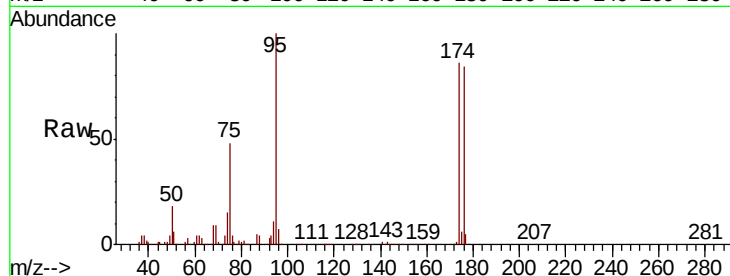




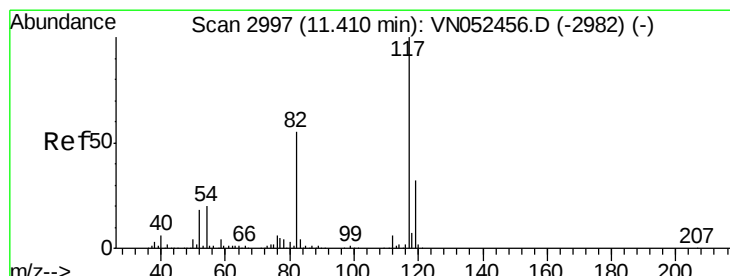
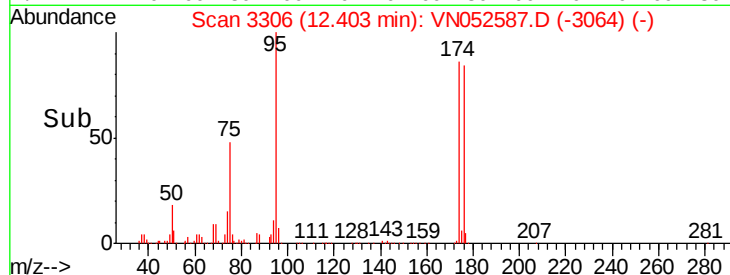
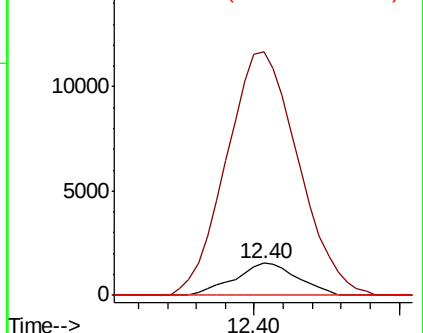
#56
Bromoform
Concen: 0.347 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN052587.D
Acq: 30 Nov 2018 1:57

Instrument :
MSVOA_N
ClientSampleId :
14B-3DL

Tot Ion:173 Resp: 2349
Ion Ratio Lower Upper
173 100
175 854.5 38.7 58.1#
254 0.0 8.4 12.6#

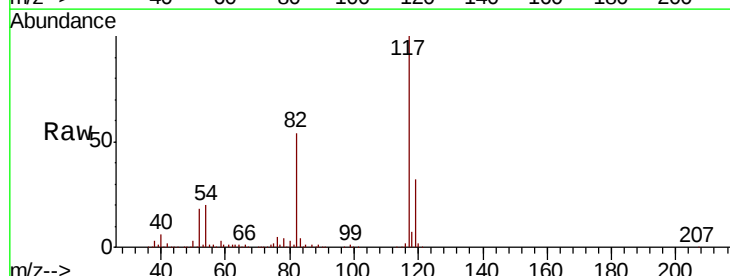


Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V

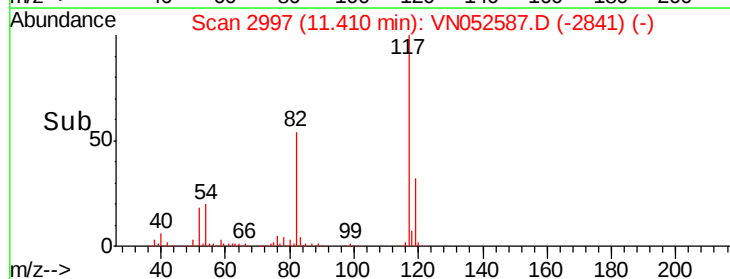
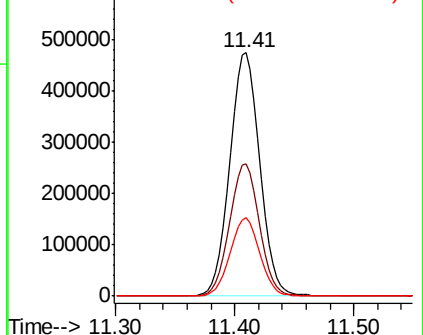


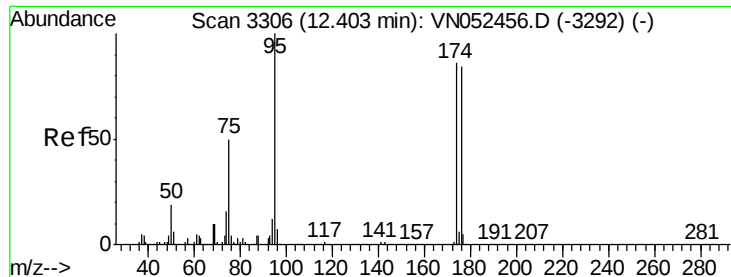
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052587.D
Acq: 30 Nov 2018 1:57

Tgt Ion:117 Resp: 828964
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.2
119 31.9 25.4 38.2



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V





#60

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052587.D

Acq: 30 Nov 2018 1:57

Instrument :

MSVOA_N

ClientSampled :

14B-3DL

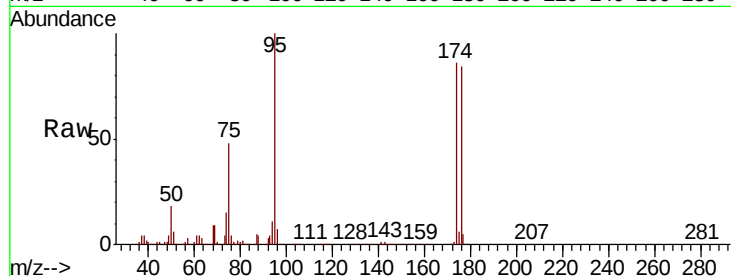
Tot Ion: 95 Resp: 326481

Ion Ratio Lower Upper

95 100

174 88.3 67.9 101.9

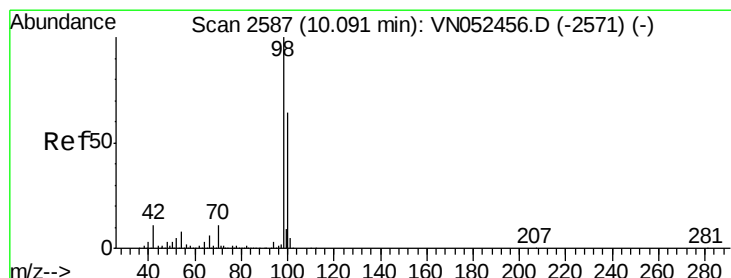
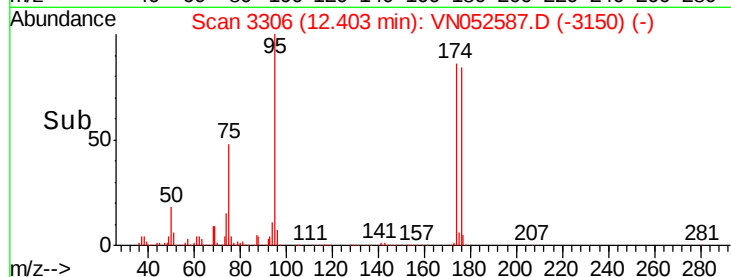
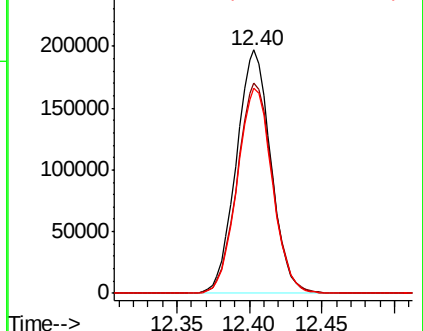
176 85.7 66.4 99.6



Abundance Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): VN

Ion 176.00 (175.70 to 176.70): VN



#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052587.D

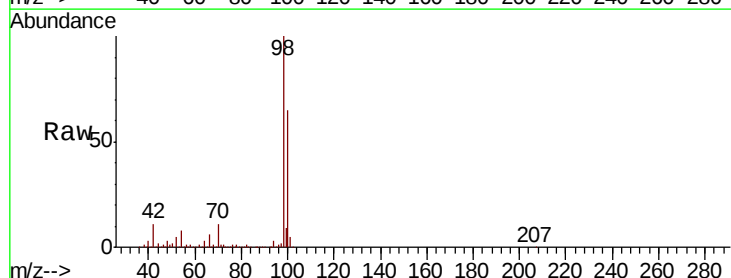
Acq: 30 Nov 2018 1:57

Tgt Ion: 98 Resp: 1165498

Ion Ratio Lower Upper

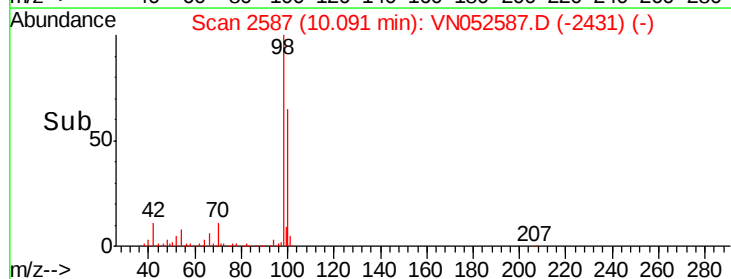
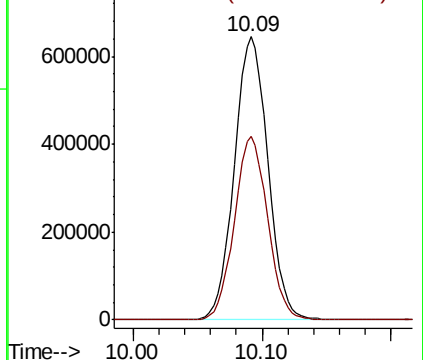
98 100

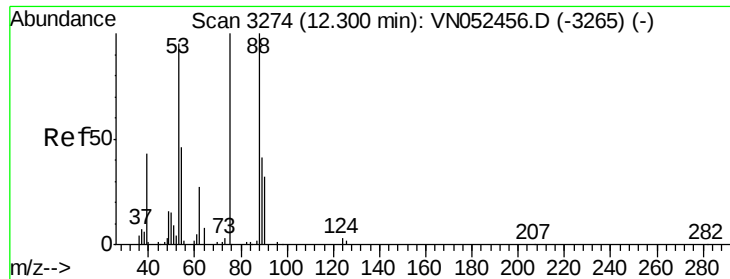
100 64.2 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN





#77
t-1,4-Dichloro-2-butene
Concen: 56.305 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN052587.D
Acq: 30 Nov 2018 1:57

Instrument :
MSVOA_N
ClientSampleId :
14B-3DL

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	48.5	145.6#
89	0.0	21.7	65.1#

